

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
		("4140131"   "4549548"   "4606349"   "4825869"   "4899750"   "5003975"   "5137021"   "5156149"   "5184614"   "5201808"   "5201865"   "5224475"   "5282840"   "5344430"   "5350410"   "5431692"   "5453698"   "5507786"   "5534018"   "5549646"   "5660183"   "5722997"   "5741311"   "5755742"   "5814088"   "5861012"   "5891179"   "5897577"   "5899925"   "5910156").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/22 16:08
		(Heart OR cardio\$5 OR cardiovascular) (Stimulat\$5 OR stimul\$5) electrode processor (impedance SAME voltage SAME current)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2005/12/22 15:43
		Heart	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2005/12/22 15:22
		(Heart OR cardio\$5 OR cardiovascular) (Stimulat\$5 OR stimul\$5) electrode processor (compare SAME (impedance SAME voltage SAME current))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2005/12/22 15:22
		(Heart OR cardio\$5 OR cardiovascular) (Stimulat\$5 OR stimul\$5) electrode processor ((impedance SAME voltage SAME current))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2005/12/22 15:21
		(Heart OR cardio\$5 OR cardiovascular) (Stimulat\$5 OR stimul\$5) electrode processor (impedance SAME voltage SAME current)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2005/12/22 15:21
		(Heart OR cardio\$5 OR cardiovascular) (Stimulat\$5 OR stimul\$5) electrode processor (impedance SAME voltage SAME current)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2005/12/22 15:20
		(Heart OR cardio\$5 OR cardiovascular) (Stimulat\$5 OR stimul\$5) electrode processor (impedance SAME voltage SAME current)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2005/12/22 15:19

## EAST Search History

		Stimulat\$5 OR stimul\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/23 09:49
S1	525	(Heart OR cardio\$5 OR cardiovascular) (Stimulat\$5 OR stimul\$5) electrode processor (impedance SAME voltage SAME current)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2005/12/22 15:43
S2	9	(Heart OR cardio\$5 OR cardiovascular) (Stimulat\$5 OR stimul\$5) electrode processor (compare SAME (impedance SAME voltage SAME current))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2005/12/23 12:58
S3	1	(Heart OR cardio\$5 OR cardiovascular) (Stimulat\$5 OR stimul\$5) electrode processor (compare SAME (impedance SAME voltage SAME current)) code	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2005/12/22 15:18
S4	30	("4140131"   "4549548"   "4606349"   "4825869"   "4899750"   "5003975"   "5137021"   "5156149"   "5184614"   "5201808"   "5201865"   "5224475"   "5282840"   "5344430"   "5350410"   "5431692"   "5453698"   "5507786"   "5534018"   "5549646"   "5660183"   "5722997"   "5741311"   "5755742"   "5814088"   "5861012"   "5891179"   "5897577"   "5899925"   "5910156").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/22 16:08
S5	30	("4140131"   "4549548"   "4606349"   "4825869"   "4899750"   "5003975"   "5137021"   "5156149"   "5184614"   "5201808"   "5201865"   "5224475"   "5282840"   "5344430"   "5350410"   "5431692"   "5453698"   "5507786"   "5534018"   "5549646"   "5660183"   "5722997"   "5741311"   "5755742"   "5814088"   "5861012"   "5891179"   "5897577"   "5899925"   "5910156").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/22 16:33

## EAST Search History

S6	290	(("6055454") or ("5197467") or ("6096061") or ("6249700") or ("5755740") or ("6246910") or ("6273856") or ("6275727") or ("6275733") or ("6408208") or ("6459929") or ("6519495") or ("6625493") or ("6658292") or ("6885891") or ("5886259") or ("5931858") or ("5974340") or ("4905688") or ("5711289") or ("6128534") or ("5271395") or ("5024222") or ("5441524") or ("5562711") or ("5622428") or ("5709709") or ("5713933") or ("5817136") or ("5817135") or ("5824020") or ("5843137") or ("5902325") or ("5964788") or ("6188927") or ("6208900") or ("4858611") or ("4919136") or ("5404877") or ("5501702") or ("5824029") or ("5836988") or ("5891175") or ("4602739") or ("5542415") or ("5692497") or ("5897575") or ("5937853") or ("6129335") or ("6324422).pn.") or ("6490485") or ("6572557") or ("6574507") or ("6645153") or ("6731984") or ("6752765") or ("6952612") or ("6961615") or ("6963778") or ("6466821") or ("6823214") or ("6892095") or ("4917174") or ("6029660") or ("5423870") or ("6329465") or ("5626622") or ("5649968") or ("5712618") or ("6021351") or ("6135970") or ("4930351") or ("6239696") or ("6539249") or ("6675043") or ("4940052") or ("4488808") or ("4366373") or ("4440030") or ("4443671") or ("4565096") or ("4912501") or ("4964424") or ("5233970") or ("5469748") or ("5637208") or ("5803703") or ("5971699") or ("6226044") or ("6226044") or ("6413928") or ("5311874") or ("5487753") or ("5792196") or ("6076015") or ("6161042") or ("5249572") or ("5318597") or ("5524632") or ("5800470).pn.") or ("6176241") or ("3593576") or ("4001700") or ("4256100") or ("4274474") or ("4281651") or ("4340044") or ("4352273") or ("4372195") or ("4440176") or ("4450838") or ("4463756") or ("4552058") or ("4576183") or ("4860643") or ("4904622") or ("4926746") or ("4954693") or	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/12/23 12:58
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## EAST Search History

S7	49	Chamber WITH Minute WITH ventilation	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/12 15:55
S8	1532465	(Pulse WITH Generat\$5) ((electrode) SAME Heart SAME (Ventric\$5 OR chamber OR atri\$4)) processor (Sens\$4 OR detec\$5 OR determin\$4) SAME impedance (Error WITH Code)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/23 09:47
S9	7	(Pulse WITH Generat\$5) ((electrode) SAME Heart SAME (Ventric\$5 OR chamber OR atri\$4)) processor (Sens\$4 OR detec\$5 OR determin\$4) SAME impedance (Error WITH Code)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/05/23 09:47
S10	10	(Pulse) ((electrode) SAME Heart SAME (Ventric\$5 OR chamber OR atri\$4)) processor (Sens\$4 OR detec\$5 OR determin\$4) SAME impedance (Error WITH Code)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/05/23 10:52
S11	2	("20040172104").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/23 09:52
S12	2	("6704602").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/23 09:57
S13	2	("5755742").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/23 09:57
S14	4	(Pulse) ((electrode) SAME Heart SAME (Ventric\$5 OR chamber OR atri\$4)) processor (Sens\$4 OR detec\$5 OR determin\$4) SAME impedance (Error WITH Code) acceleromet\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/05/23 11:43
S15	1	(Pulse) ((electrode) SAME Heart SAME (Ventric\$5 OR chamber OR atri\$4)) processor (Sens\$4 OR detec\$5 OR determin\$4) SAME impedance (Error WITH Code) acceleromet\$5 ventilat\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/05/23 12:51

## EAST Search History

S16	4	((Heart WITH chamber) SAME (ventilat\$5 WITH rate)) SAME sensor processor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/05/23 13:40
S17	8	((Heart SAME chamber) SAME (ventilat\$5 WITH rate)) SAME sensor processor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/05/23 13:52
S18	0	(Heart SAME Cahmber) (Ventilat\$5 WITH Sensor) (Compar\$5 WITH Sensors)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/05/23 14:19
S19	0	(Heart SAME Cahmber) (Ventilat\$5 SAME Sensor) (Compar\$5 WITH Sensors)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/05/23 14:22
S20	191	(Heart SAME Chamber) (Ventilat\$5 SAME Sensor) (Compar\$5 WITH Sensors)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/05/23 14:23
S21	164	(Heart WITH Chamber) (Ventilat\$5 WITH Sensor) (Compar\$5 WITH Sensors)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/05/23 14:34
S22	164	(Heart WITH Chamber) (Ventilat\$5 WITH Sensors) (Compar\$5 WITH Sensors) SENSOR	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/05/23 15:01
S23	0	(Heart WITH Chamber) ((Ventilat\$5 WITH Sensors) WITH Compare)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/05/23 15:02
S24	7	(Heart WITH Chamber) ((Ventilat\$5 WITH Sensors) WITH Compar\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/05/23 16:29
S25	4	(Heart WITH Chamber) ((Ventilat\$5 WITH Sensors) WITH Compar\$5) impedan\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/05/23 16:31

## EAST Search History

S26	3225576	Channel impedance\$5 impedance (impedance SAME Sensors) accelerometer (processor OR microprocessor) (error WITH code)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/23 17:58
S27	21	Channel impedance\$5 impedance (impedance SAME Sensors) accelerometer (processor OR microprocessor) (error WITH code)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/05/23 17:59
S28	21	Channel impedance\$5 (impedance SAME Sensors) accelerometer (processor OR microprocessor) (error WITH code)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/05/24 12:40
S29	9	Channel impedance\$5 (impedance SAME Sensors) accelerometer (processor OR microprocessor) (error WITH code)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/05/24 12:40
S30	2	Channel impedance\$5 (impedance WITH Sensors) accelerometer (processor OR microprocessor) (error WITH code)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/05/24 12:43
S31	6	Channel impedance\$5 ((impedance OR resistance OR allowance) WITH Sensors) accelerometer (processor OR microprocessor) (error WITH code)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/05/24 12:45
S32	6	Channel (impedance OR resistance OR allowance) ((impedance OR resistance OR allowance) WITH Sensors) accelerometer (processor OR microprocessor) (error WITH code)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/05/24 12:47
S33	16	Channel (impedance OR resistance OR allowance) ((impedance OR resistance OR allowance) WITH Sensors) accelerometer (processor OR microprocessor) (error WITH code)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/05/24 12:45
S34	3	Channel (impedance OR resistance OR allowance) ((impedance OR resistance OR allowance) WITH Sensors) accelerometer (processor OR microprocessor) (error WITH code) (heart)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/05/24 13:03

## EAST Search History

S35	9	Channel (impedance OR resistance OR allowance) ((impedance OR resistance OR allowance) WITH Sensors) accelerometer (processor OR microprocessor) (error WITH code) (heart)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/05/24 13:05
S36	6	Channel (impedance OR resistance OR allowance) ((impedance OR resistance OR allowance) WITH Sensors) accelerometer (processor OR microprocessor) (error WITH code) (heart) (Stimulat\$5 OR Excit\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/05/24 13:09
S37	5	Channel (impedance OR resistance OR allowance) ((impedance OR resistance OR allowance) WITH Sensors) accelerometer (processor OR microprocessor) (error WITH code) (heart) (pulse WITH generat\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/05/24 14:16
S38	4	Channel (impedance OR resistance OR allowance) ((impedance OR resistance OR allowance) WITH Sensors) accelerometer (processor OR microprocessor) (error WITH code) (heart) (pulse WITH generat\$5) implant\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/05/24 14:20
S39	4	Channel (impedance OR resistance OR allowance) ((impedance OR resistance OR admittance) WITH Sensors) accelerometer (processor OR microprocessor) (error WITH code) (heart) (pulse WITH generat\$5) implant\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/05/24 14:21
S40	4	Channel (impedance OR resistance OR admittance) ((impedance OR resistance OR admittance) WITH Sensors) accelerometer (processor OR microprocessor) (error WITH code) (heart) (pulse WITH generat\$5) implant\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/05/24 14:22
S41	6	Channel (impedance OR resistance OR admittance) ((impedance OR resistance OR admittance) WITH Sensors) accelerometer (processor OR microprocessor) (error WITH code) (heart) ((pulse WITH generat\$5) OR stimulat\$5 OR Shock) implant\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/05/24 14:24

## EAST Search History

S42	6	Channel (impedance OR resistance OR admittance) ((impedance OR resistance OR admittance) WITH Sensors) accelerometer (processor OR microprocessor) (error WITH code) (heart) ((pulse WITH generat\$5) OR stimulat\$5 OR Shock OR stimu\$5) implant\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/05/24 15:21
S43	0	((signal OR information) SAME (impedanceOR resistance) WITH sensor) Compare WITH ((signal OR information) SAME (impedanceOR resistance))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/05/24 15:26
S44	274	((signal OR information) SAME (impedance OR resistance) WITH sensor) Compare WITH ((signal OR information) SAME (impedance OR resistance))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/05/24 15:27
S45	220557	Heart	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/05/24 15:27
S46	31	((signal OR information) SAME (impedance OR resistance) WITH sensor) Compare WITH ((signal OR information) SAME (impedance OR resistance)) heart	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/05/24 15:27
S47	7	((signal OR information) SAME (impedance OR resistance) WITH sensor) Compare WITH ((signal OR information) SAME (impedance OR resistance)) heart implant	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/05/24 15:27
S48	15	((signal OR information) SAME (impedance OR resistance) WITH sensor) Compare WITH ((signal OR information) SAME (impedance OR resistance)) heart implant\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/05/24 15:39
S49	10	((signal OR information) SAME (impedance OR resistance) WITH sensor) Compare WITH ((signal OR information) SAME (impedance OR resistance)) heart implant\$5 Ventilatl\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/05/24 16:01
S50	9	((signal OR information) SAME (impedance OR resistance) WITH sensor) Compare WITH ((signal OR information) SAME (impedance OR resistance)) heart implant\$5 Ventilatl\$5 accelerometer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/05/24 16:03



## EAST Search History

S51	9	((signal OR information) SAME (impedance OR resistance) WITH sensor) Compare WITH ((signal OR information) SAME (impedance OR resistance)) heart implant\$5 Ventilator\$5 accelerometer (chamber OR ventricular\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/05/24 17:16
S52	9	((signal OR information) SAME (impedance OR resistance) WITH sensor) Compare WITH ((signal OR information) SAME (impedance OR resistance)) heart implant\$5 Ventilator\$5 accelerometer (chamber OR ventricular\$5 OR atrial\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/05/24 17:19
S53	0	(Compare WITH Chamber) SAME (Heart WITH Chamber) SAME Impedance	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/05/24 17:22
S54	13	(Compare WITH signals) SAME (Heart WITH Chamber) SAME Impedance	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/05/24 17:23
S55	13	(Compare WITH signals) SAME (Heart WITH Chamber) SAME Impedance implant\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/05/24 17:23